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**QINGDAO XINKE
MACHINERY
TECHNOLOGY CO., LTD**
青 岛 鑫 科 机 械 科 技 有 限 公 司



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公司简介 COMPANY PROFILE

青岛鑫科机械科技有限公司是中国铸造机械行业的领先企业，专业从事铸造机械的研究设计、生产制造、安装及咨询服务为一体的综合性机械装备企业。

公司拥有一支经验丰富，理论知识深厚，创新能力优秀的专业科研队伍。产品全部采用Solid Works三维软件设计，与国际先进技术的同步。

公司主要产品有：抛喷丸清设备、造型设备、砂处理设备、环保除尘设备等，并可根据用户需求设计制造各种非标专用铸造机械，为用工厂的成本节约提供综合技术解决方案。

公司集近30余年的铸造机械专业理论及实践经验，开发了行业内具有国内外领先的专业设备，广泛应用于钢铁冶金、汽车制造、石油装备等领域，推动行业技术发展，引导行业领域发展。

我们经营理念：用心做好每一个产品，不求最大只求最优。



经验深厚
研发团队



以精为业
以质为根



科技为本
服务为优



Qingdao Xinke Machinery Technology Co., Ltd is a leading enterprise in China's casting machinery industry, specialized in casting machinery research and design, manufacturing, installation and consulting services as one of the integrated machinery and equipment enterprises.

Xinke has a rich experienced and deep theoretical knowledge, excellent innovation ability of professional research team. All products design by Solid Works 3D software design, synchronization with international advanced technology.

Our main products: Shot peening or blasting equipment, Sand preparation equipment, Foundry molding machines, Dust removal equipment. We can design and develop the non-standard foundry equipment according to user requirement, and provide comprehensive technical solution design for cost saving of user's factory.

The company set nearly 30 years of foundry machinery professional theory and practical experience, has developed a leading domestic and foreign professional equipment, widely used in iron and steel metallurgy, automobile manufacturing, petroleum equipment, promoting technological development, and guide the development of the industry in the field.

Our business philosophy is to produce every product with heart, and not seek the maximum, but the optimum.

企业荣誉 Company Honors



鑫科的多个产品以其领先的技术、独特的结构、先进的性能或得了国家授予的专利权,到目前为止已获得34项国家专利。

Many products of Xinke have been granted patent rights by the state because of its leading technology, unique structure and advanced performance. So far, Xinke has obtained 34 national patent.

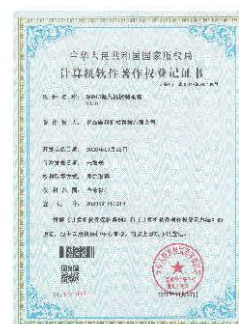
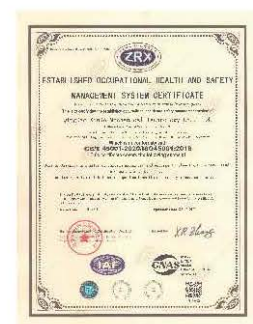
34⁺ 国家专利

我公司生产的V法造型机被青岛市科技局成果标准化评价认定整体水平达到国内领先水平,并评选为2021年山东省首台(套)技术装备及关键核心零部件产品。

2400不锈钢热轧钢卷退火机组智能环保抛丸机被青岛市科技局成果标准化评价认定整体水平达到国际先进水平。

The V-Process molding machine produced by our company has been recognized by Qingdao Science and Technology Bureau achievement standardization evaluation that the overall level has reached the domestic leading level, and selected as the first set of technical equipment and key component parts in Shandong Province in 2021.

2400 Stainless Steel hot rolled steel coil annealing unit intelligent environmental protection shot blasting machine has been recognized by Qingdao Science and Technology Bureau achievement standardization evaluation of the overall level reached the international advanced level.



不锈钢带抛丸清理机

Steel Strip Shot Blasting Machine

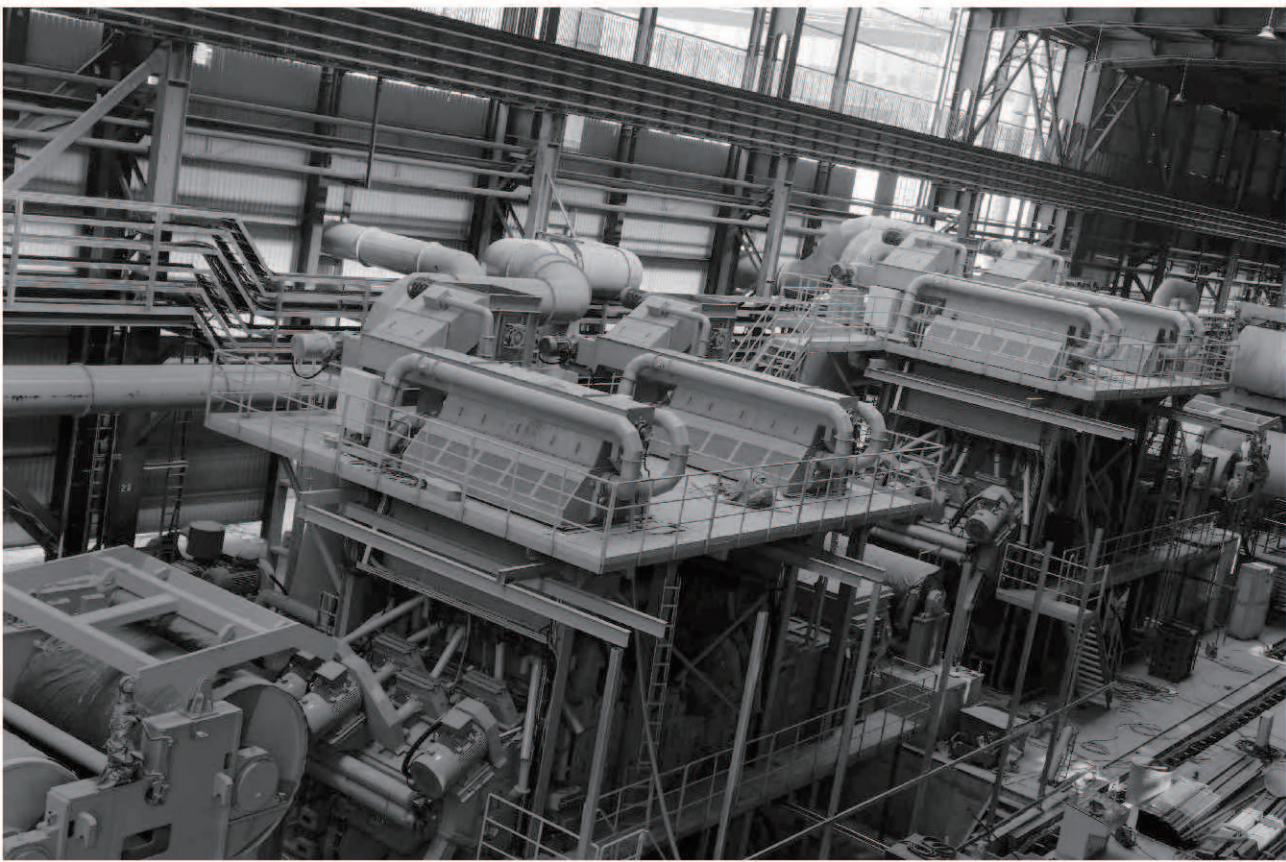
产品简介 PRODUCT INTRODUCTION

在线带钢抛丸机是专门用于碳钢、合金钢或不锈钢带钢的热轧退火酸洗工艺，目的是去除带钢表面的氧化皮。其功能的加入可以大大提高酸洗效率，降低酸耗，可通过调节抛丸量，抛丸速度和抛丸器的布局来达到不同规格带钢的清理效果。

本机可根据用户需要定做窄带钢(650~800mm)、中带钢(800~1600mm)、宽带钢(1750~2400mm)。

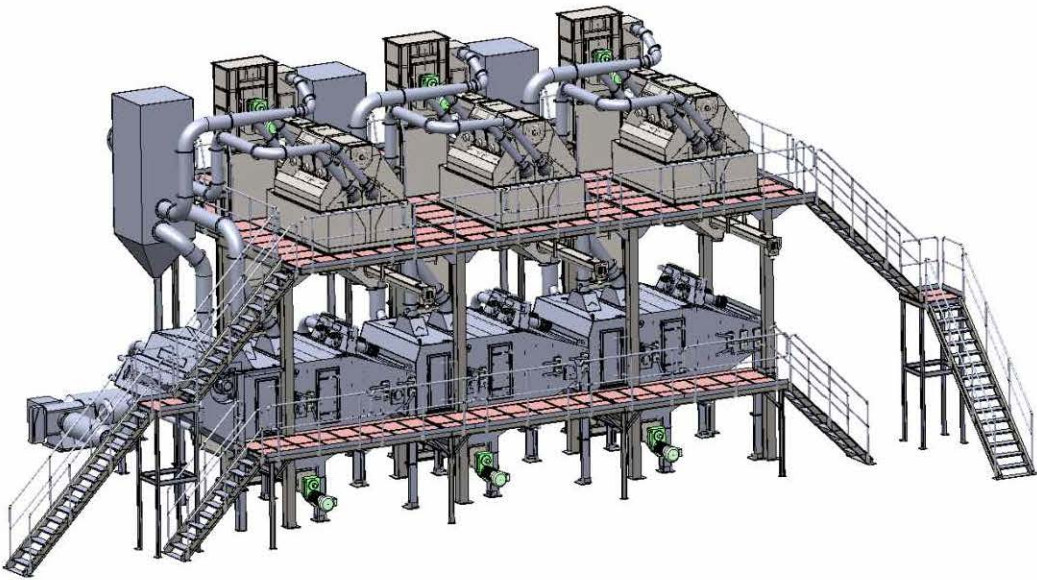
Online Steel Strip Shot Blasting Machines are specifically designed to used in hot rolling annealing pickling process for carbon steel, alloy steel, or stainless steel strips, the purpose of this design is to remove the oxide skin from the stripe surface. The addition of its function can greatly improve the pickling efficiency, reduce acid consumption. It can be adjusted through the abrasive throughput capacity, blasting speed and the layout of turbines to achieve the cleaning effect of difference specification.

This machine is customized for narrow steel belt (650~800mm), medium steel belt (800~1600mm) and wide steel belt (1750~2400mm) according to user's requirement.



产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	HBQ850	HBQ1550	HBQ2400
带宽 Strip widths	mm	300-850	850-1550	1550-2400
抛丸器数量 Number of turbine	unit	4	4	6
功率 Power	kw	45	90	90
抛丸量 Blasting capacity	kg/min	550	1200	1200



图片和参数仅供参考，可根据用户实际工件及要求调整。
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钢板预处理

Steel Preservation Line

产品简介 PRODUCT INTRODUCTION

钢材预处理线是一条完整的喷砂和喷漆线,可以很容易地集成到现有的生产线中,由独立改造的输送系统、预热器、抛丸机、喷漆室和后处理干燥机组成。整套系统采用PLC机控制,属于国际先进水平的大型成套设备。

主要用于钢板和各类钢型的表面处理(预热,除锈,喷漆,烘干),亦可用于金属构件的必要面抛丸清理和强化。输送系统可根据个人要求选择,还有辊式输送机、行程算子、横向输送机等。是对钢板表面进行抛丸处理,处理前涂上保护漆(原料状态)的工艺。

钢板预处理线可以提高机械产品和金属零件的耐腐蚀性能,增强钢板的抗疲劳性能,延长机械产品的使用寿命,还可以优化钢材表面进行进一步处理。

The steel preservation line is a complete sand blasting and painting line that can be easily integrated into existing production lines, and consisting of independently modified conveyor systems, preheater, shot blasting machine, paint booth, and a post treatment dryer.

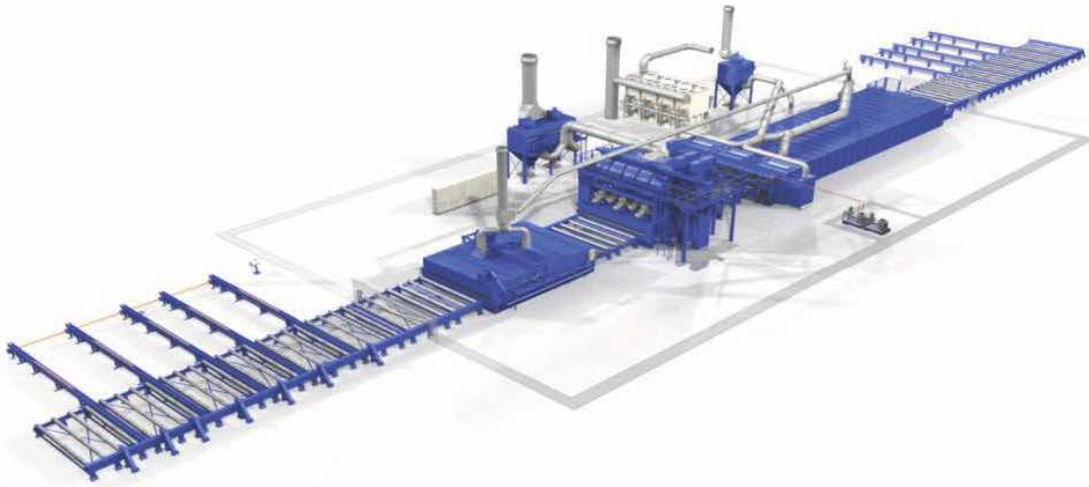
The whole system uses PLC machine control which belongs to the international advanced level large-sized complete sets of equipment.

This machine is mainly used for surface treatment(preheating, rust removal, painting, drying) of steel plate and various structural sections, as well as cleaning and strengthening of metal structural parts. Conveyor systems can be selected according to individual requirements, along with roller conveyors, travel grates, and transversely conveyor, etc. It is process to treat the surface of the steel plate by shot blasting, and coated with protective paint before the treatment (in the raw material state).

Preservation line can improve the corrosion resistance of mechanical products and metal parts, enhance the fatigue resistance of steel plate, extend the service life of mechanical products, and also optimize the steel surface for further treatment.

产品参数 PRODUCT PARAMETERS

型号 Type		QXY1600	QXY2000	QXY2500	QXY3000	QXY3500	QXY4000	QXY4500	QXY5000
Steel plate 钢板	Width 宽	500-1600	1000-2000	1000-2500	1000-3000	1000-3500	1000-4000	1000-4500	1000-5000
	Thickness 厚	3-20	3-60	5-30	3-60	3-35	5-50	4-80	5-60
	Length 长	2000-12000	1500-12000	2000-12000	2400-12000	2000-12000	2400-16000	4000-20000	2000-12000
Steel structurals 钢结构	Width 宽	1600	800	2500	1500	3500	4000	/	5000
	Thickness 厚	500	300	400	800	400	500	/	200
	Length 长	2000-12000	1500-12000	2000-12000	2400-12000	2000-12000	2400-16000	/	2000-12000
Roller conveyor 辊道	Permissible load 允许负荷	1	1	1.5	2	2	2	3	2.5
	Transporting speed 工件输送速度	2-4	1-5	2-4	0.5-4	2-4	2-4	1-6	2-4
Total power 总功率		450	413.2	550	614	560	600	850	650
Outline dimension (L*W*H) 外型尺寸		7800*	62000*	6800*	5545*	7800*	8000*	180000*	9000*
		7400*62000	12000*7230	6200*54000	12655*7782	6800*67000	7600*81000	12000*7400	7900*60000



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辊道通过式抛丸清理机

Roller Conveyor Shot Blasting Machine
Q69 Series pass-through type shot blasting machine

产品简介 PRODUCT INTRODUCTION

Q69系列辊式输送抛丸机用于清除金属型材和钣金件上的水垢和铁锈。适用于船舶、汽车、摩托车、桥梁、机械等表面防锈、喷涂工艺。

Q69 series roller conveyor shot blasting machines are used to remove scale and rust from metal profiles and sheet metal components.

It is applicable to ship, automobile, motorcycle, bridge, machinery and other surface rust prevention, coating process.

产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	Q698	Q6912	Q6915	Q6920	Q6925	Q6930	Q6940
Effective cleaning width 有效清理宽度	mm	800	1200	1500	2000	2500	3000	4000
Dimension of inlet opening 室体进料口尺寸	mm	800*1600	1200*400	1500*400	2000*400	2500*800	3000*800	4000*400
Length of cleaning part 清理工件长度	mm	1200-12000	1200-6000	1200-12000	1200-12000	3000-12000	2400-12000	4500-18000
Roller speed 辊道输送速度	m/min	0.5-4	0.5-4	0.5-5	0.5-4	0.5-4.5	0.5-4	2-8
Thickness of cleaning steel plate 清理钢板厚度	mm	3-60	3-60	1.5-60	3-60	3-60	3-110	4.5-100
Blasting capacity 抛丸量	kg/min	8*120	4*250	4*250	6*250	6*250	6*360	8*360
Abrasive initial filling 弹丸首次装入量	kg	4000	4000	4000	4500	4500	8000	11000
Ventilation capacity 通风量	m³/h	22000	17560	19000	19550	27758	28050	38000
Total power 总功率	kw	78	78.3	113.5	156.6	224.55	204.8	293.6



辊道通过式抛丸清理机

Roller Conveyor Shot Blasting Machine
QH69 Series section steel and structure shot blasting machine

产品简介 PRODUCT INTRODUCTION

QH69系列型钢及结构抛丸机属于辊道式抛丸机，主要用于建筑、桥梁等行业，用于大型工字型钢和H型钢等尺寸较高的钢结构件消除压力及表面除锈清理。

Qh69 series section steel and structure shot blasting machine belong to the roller type shot blasting machine, and it is mainly used in construction, bridge and other industries, for large I-section steel and H-section steel and other high size steel structural parts to eliminate pressure and surface rust cleaning.



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台车式抛丸清理机

Car Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

- Q36 台车式抛丸机
- Q76系列转台式抛丸清理机(最大载重50T)
- Q77系列台车式抛丸清理机(最大载重100T)

这些系列的台车式抛丸机用于钢结构和铸件的表面清理和强化,更适用于厚钢坯的表面除锈剂表面氧化皮的清理,广泛应用于铸造、锻压、机械、钢铁行业。

- Q36 Series car type shot blasting machine
- Q76 Series turntable type airless/air shot blasting machine(Max. Loading capacity 50t)
- Q77 Series car type airless /air shot blasting machine(Max. Loading capacity 100t)

These series of car type shot blasting machines are suitable for surface cleaning and strengthening of steel structural parts and castings, which is especially suitable for surface rust removal and cleaning of surface scale of thick billet steel. It is widely used in foundry, forging, mechanical and steel industries.



产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	Q765C	Q7610	Q7620	Q7630	Q7640	Q7650	Q7660	Q76120
Size of workpiece 清理工件尺寸	mm	Φ2000* 730	Φ2500* 860	Φ2500/* 1100	Φ3700* 980	Φ4000* 1120	Φ4850* 1280	Φ5000* 1280	Φ7000* 1500
Load capacity 台车载重	kg	5000	10000	20000	30000	40000	50000	60000	120000
Blasting capacity 抛丸量	kg/min	2*250	3*250	4*250	5*250	6*250	7*250	7*250	10*250
Air pressure 空气压力	Mpa	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6
Compressed air consumption 压缩空气耗量	m³/min	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Elevating capacity 提升量	t/h	30	45	60	75	90	105	105	150
Separation capacity 分离量	t/h	30	45	60	75	90	105	105	150
Ventilation capacity 通风量	m³/h	16000	20000	25000	30000	35000	40000	40000	60000
Power(Excluding dedusting) 功率(不含除尘)	kw	54	72	91	115	148	162	188	280



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悬链式抛丸清理机
Pendant Chain Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

悬链式抛丸机是为了提高吊钩式抛丸机的性能而设计的, 它能使抛丸器持续运转。工件悬挂在连接到环形架空输送机的几个挂钩上, 该输送机可以是连续式, 步进式, 积放式。
本机具有生产效率高, 运行可靠等特点, 适合于大批量中小型铸件, 锻件及热处理间的表面清理或强化, 尤其对汽车, 拖拉机, 柴油机, 电机, 阀门等行业最适应。

Pendant chain type shot blasting machines are designed to improve the performance of hook type shot blasting machines by keeping the turbine running continuously. The workpiece is suspended from several hooks attached to an annular overhead conveyor, which can be designed as continuous type, stepping type or free chain type.

These series shot blasting machines have the characteristics of high production efficiency, reliable operation, which is suitable for a large quantity of small and medium-sized castings, forgings and heat treatment between the surface cleaning or strengthening, especially for the automobile, tractor, diesel engine, motor, valve and other industries most suitable.



产品参数 PRODUCT PARAMETERS

型号 Type	Double stroke pendant chain type 双行程吊链连续式			Pendant chain step-type 吊链步进式			Pendant chain continuous type 吊链积放式	
	Q383	Q384	Q385	Q483	Q485	Q4810	Q583	Q5810
Max weight of single workpiece 工件最大重量(kg)	250	400	500	300	500	800	300	1000
Size of workpiece 工件尺寸(mm)	Φ500*1200 Φ700*1200	Φ700*1500	Φ700*1500	Φ1000*1400	Φ1200*1700	Φ700*2400	Φ1000*1500	Φ750*2400
Blasting capacity 抛丸量(kg/min)	4*250	6*250	5*250	2*250	3*250	6*250	4*250	6*250
Productivity 生产率(hook/h)	50,65,38,49	70,80	75	10	10	10	30-60	50
Speed of pendant chain 吊链速度(m/min)	0.5,0.65	0.8,0.93	0.65	2.44	7.34	2.44	frequency conversion 变频	
Distance of pendant chain 吊链吊距(mm)	600,800	800	800	2560	2560	2560	1000	
Total ventilation capacity 总通风量(m³/h)	18000	26500	23700	6000	10000	25000	18000	25000
Power (without dedusting) 功率(不含除尘) (kw)	75.3	122.6	106.75	38.75	58.43	85	127.25	160

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吊钩式抛丸清理机

Hook Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

吊钩式抛丸机是最灵活的机械类型，一批工件进入抛丸室，抛丸结束后移动出来。它还可以配备单轨系统，使零件在机器中连续移动。

本系列广泛应用于铸造、机械、钢铁行业，主要用于钢结构件、铸件、铝合金件等零配件的表面清洗和强化。具有无坑要求、结构紧凑、生产率高等优点。

Hook Type Shot Blasting Machine are the most flexible machine types where one batch of parts moves in, starts rotating, gets blasted and moves out. It can also equipped with a monorail system that moves the parts continuously through the machine.

This series is widely used in foundry, mechanical and steel industry, which is mainly used for surface cleaning and strengthening of steel structural parts, castings, aluminum alloy parts and other spare parts. It has the advances of no pit requirement, compact structure, and high productivity etc.

产品参数 PRODUCT PARAMETERS

型号 Type	Q376	Q378	Q3710	Q3720	Q3780	Q37100	Q37160	Q37320
Size of cleaning workpiece 清理工件尺寸(mm)	600*1000	800*1500	900*1600	1400*2300	2000*3000	2500*3500	2600*4000	3000*6000
Loading capacity of single hook 单钩吊重(kg)	600	1000	1000	2000	8000	10000	16000	20000
Blasting capacity 抛丸量(kg/min)	2*120	2*200	2*250	3*250	4*250	5*250	6*250	7*250
Lifting capacity 提升量(t/h)	15	22	30	45	60	75	90	110
Separating capacity 分离量(t/h)	15	22	30	45	60	75	90	110
Ventilation capacity 通风量(m³/h)	5000	8000	9000	15000	20000	22000	25000	30000
Power(without dust filter) 功率(不含除尘)(kw)	19	32.5	36.55	61.27	81.5	105	130	150



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履带式抛丸清理机

Tumble Belt Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

履带式抛丸机用于批量铸件的表面处理，由液压箕斗装载机手动或自动装载。广泛用于清洗中小型铸件、锻件、铝制工件、不锈钢工件等。

抛丸过程中，履带正转工件连续翻滚，履带反转进行工件卸料，工件可以直接落入空容器或通过卸料带和振动输送机连接到生产线。

Tumble Belt Shot Blasting Machines are designed for the surface treatment of batches of castings, loaded manually or automatically controlled by a hydraulic skip loader.

This machine is widely used to clean small and medium castings, forgings, aluminum work pieces, stainless steel work pieces, etc.

The belt rotation makes the work pieces tumble continuously during the shot blasting process, and the belt reverses to discharge the work piece. The work pieces can fall directly into the empty container or be connected to the production line through the discharge belt and vibration conveyor.

产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	Q326C	Q326EA	Q3210C	QR3210	15GN	28GN
Productivity 生产率	t/h	0.6-1.2	0.6-1.2	3-5	2-2.5	5-8	12-14
Feeding amount 加料量	kg	200	200	800	600	1350	3500
Maximum weight of single piece 单件最大重量	kg	10	10	150	30	250	360
Diameter of end disk 端盘直径	mm	Φ650	Φ650	Ø1000	Ø1000	Ø1092	Ø1245
Effective volume 有效容积	m³	0.15	0.15	0.4	0.3	0.43	0.79
Shot-blasting capacity 抛丸量	kg/min	100	120	250	250	480	2*350
Air volume for dedusting 除尘风量	m³/h	2200	2000	6000	3500	5000	6000
Power consumption 功率消耗	kw	12.6	12.6	32.6	24.3	52	44
Track type 履带形式		Rubber 橡胶	Rubber 橡胶	Metal 金属	Metal 金属	Metal 金属	Metal 金属

滚筒式抛丸清理机

Rolling Drum Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

滚筒式抛丸机适用于批量生产中品种多、15kgs以下小工件(锻件或铸件)的表面除锈。高速叶轮将磨料抛入筒内连续翻滚的铸件或锻件中，去除表面的粘土砂或水垢。

Rolling drum shot blasting machine is suitable for surface rust removal of small work pieces under 15kgs(forging or casting parts) in batch production with many varieties.

The high-speed impeller throws the abrasive to the continuous tumbling castings or forgings in barrel, to remove the green sand or scales on the surface.

产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	Q3110BI	Q3110BII	Q3113BI	Q3113BII	QGT15
Diameter of rolling drum 滚筒直径	mm	1000	1000	1300	1300	1570
Loading capacity 载重	kg	300	300	600	600	1200
Power(excluding dust collector) 功率(不含除尘)	kw	9.7	11.9	14.5	16.3	30
Max weight of workpiece 最大工件尺寸	kg	15	15	30	30	40
Blasting capacity 抛丸量	kg/min	120	120	160	160	480
Ventilation capacity 除尘风量	m³/h	800	2000	2000	2800	8000

图片和参数仅供参考，可根据用户实际工件及要求调整。
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转台式抛丸清理机
Turntable Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

Q34转台吊钩

吊钩转台式抛丸机用于轴类等小零件的表面清洗和强化。
本机具有强化效果好,工作效率高等优点,设有两个工位,一个工位进行装卸的同时,另一个工位进行清洗。

The hook type turntable shot blasting machine is used for shaft and other small parts of the surface cleaning and strengthening. The strengthening effect is good and the cleaning efficiency is high.

This machine has the advantages of good strengthening effect and high work efficiency,it is equipped with two stations,one station for loading and unloading,while the other station is cleaning.

产品参数 PRODUCT PARAMETERS

型号 Type		QD341	QD341A
Max workpiece size(mm) 清理工件尺寸		400x750	500x850
Hook吊钩	Max lifting weight最大吊重	100 kg/hook	100 kg/hook
	Quantity吊钩数量	2 pcs	2 pcs
	Quantity数量	2 pcs	2 pcs
Turbine抛丸器	PowerP功率	7.5 kw x2	7.5kw x2
	Blasting capacity抛丸量	120kg/min x2	120kg/min x2
Dust collector除尘器	Ventilation capacity除尘风量	5000 m³/h	5000 m³/h
	Power除尘功率	4kw	4kw
Outline dimension外形尺寸		5310*2480*3970	5500*2700*4550



Q35转台式

转台抛丸机主要用于清理各种形状和尺寸的怕碰撞的工件。
转台直径分类为:1200、1800、2500mm。
按工位分类为:4、6、8个工位,用户可以根据实际情况选用。

Turntable shot blasting machine is mainly used to clean up various shapes and sizes of the collision of the cleaning parts.

The diameter of turntable: 1200, 1800, 2500mm with 4, 6 or 8 working stations, can be selected according to the actual condition of the user.

产品参数 PRODUCT PARAMETERS

型号 Type	单位 Unit	Q3512	Q3525
Size of workpiece清理工件尺寸	mm	600*250*250	1000*500*250
Max weight of piece工件最大重量	kg	400	1000
Abrasive flow rate抛丸量	kg/min	200	2*250
Lifting capacity提升机提升量	t/h	15	30
Separating capacity分离器分离量	t/h	15	30
Ventilation capacity除尘量	m³/h	2400	6200
Power(excluding dust collector)功率(不含除尘)	kw	17.3	35.2
Outline dimension外形尺寸	mm	1500*3450*3780	2200*3500*4300



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网带式抛丸机

Mesh Type Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

网带式抛丸机主要用于汽车、航天、铁路与机械制造业的薄壁铸件、薄壁和脆性铁或铝合金铸件、陶瓷等小零件表面抛丸，亦可用于机械零件抛丸强化。

本机具有连续性小、清洗效率高、变形小、无凹坑等特点，既可单独使用，也可多个组合使用。

Mesh Belt Type Shot Blasting Machine is mainly used automobile, aerospace, railway and machinery manufacturing industry of thin-wall castings,thin-wall and brittle iron or aluminum alloy castings,ceramics and other small parts surface shot blasting, it can also be used for mechanical parts shot blasting strengthening.

This machine has the characteristics of small continuity, high cleaning efficiency, small deformation, no pits requirement and so on. It can be running independently or multiple combinations connect to the production line.

产品参数 PRODUCT PARAMETERS

型号 Type	QWD60	QWD80	QWD100	QWD120
Mesh belt width(mm) 网带宽度	600	800	1000	1200
Cleaning speed(m/min) 清理速度	0.5-4	0.5-4	0.5-4	0.5-4
Turbine qty 抛丸器数量	4	4	4	4
Blasting capacity (kg/min) 抛丸量	4x120	4x120	4x180	4x250



钢管内外壁抛丸清理机

Steel Pipe External & Internal Shot Blasting Machine

产品简介 PRODUCT INTRODUCTION

钢管内外壁抛丸机进行表面处理，清除其氧化层、焊渣等，使其出现金属光泽，增加其比表面积，有利于工件喷漆及涂层。

主要适用于石油化工、钢铁、城市集中供热、集中排水等行业。

Steel pipe internal and outernal shot blasting machine for surface treatment, remove the oxide coating, welding slag etc. Give the work pieces a metallic sheen,increasing its radio surface area,which is conducive for painting and coating.

It applies in the line of petroleum & chemical,steel,city centralized heating,centralized drainage etc.



产品参数 PRODUCT PARAMETERS

Description 名称	Type 型号	Cleaning Size (mm) 清理尺寸	Cleaning Speed(m/min) 清理速度
Steel pipe outernal shot blasting machine 钢管外壁抛丸机	DTG100	50-300	2-10
	DTG 720	159-720	2-6
	DTG 1200	219-1016	1-6
	DTG 1500	325-1600	1-6
	DTG 2800	1016-2800	1-2
Steel pipe internal shot blasting machine 钢管内壁清理机	DTGN 100	50-300	1-4
	DTGN 700	325-720	1-2
	DTGN 1000	720-1016	1-4
	DTGN 1500	1016-1500	1-4



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除尘设备

Dust Removal Equipment

产品简介 PRODUCT INTRODUCTION

除尘器有多种型号,如滤筒式除尘器、脉冲布袋式除尘器、PPC气箱脉冲除尘器、旋风除尘器等除尘器,广泛应用于冶金、建材、水泥、机械、化工、轻工等各个行业。

鑫科将根据客户的企业现状、生产需求和市场特点,提供相应的解决方案。

There are many models of dust collector, such as cartridge filter dust collector, pulse jet bag type dust collector, ppc air box pulse dust collector, cyclone dust collector and other dust collectors, they are widely used in various industries, such as metallurgy, building materials, cement, mechanical, chemical industry and light industry etc.

Xinke will provide the corresponding solution according to the current situation of client's enterprises, production requirement and characteristics of market.



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V法真空造型系统
V-Process Casting System

产品简介 PRODUCT INTRODUCTION

V法铸造是一种干式砂型铸造成型机，不使用粘合剂，以真空泵产生的压力为基础，创造真空密封条件。它具有环保、节能、高效的优点。是快速成型的最佳选择，主要适用于铸铁、铸钢、有色金属铸件的生产。

目前，V法工艺已成功应用于工程机械配重、石油机械(含曲柄、减速器、配重)、卫生洁具、皮带轮、摆枕、车轴、制动鼓、钢琴架、井盖、高锰钢衬板等。

鑫科机械拥有世界领先的V法工艺技术，我们将为您的铸造项目提供从概念到全面生产的一站式解决方案。

V-Process casting is a dry sand cast molding machine that uses no adhesives and is based on pressure generated by a vacuum pump to create vacuum-sealed conditions. It has the advantages of being environmentally friendly, energy efficient and efficient. It is the best choice for rapid prototyping, mainly suitable for the production of cast iron, cast steel, non-ferrous metal castings.

So far, V process has been successfully applied in the construction machinery counter weight, petroleum machinery(including crank, reduction case, counterweight), sanitation ware, belt pulley, swing bolster, axle, brake drum, piano plane, manhole cover, high manganese steel lining board.

Xinke Machinery has the world's leading V-process technology and we will provide a one-stop solution to take your casting project from concept to full production.



产品参数 PRODUCT PARAMETERS

Internal size of flask (mm) 砂箱内尺寸	Molding efficiency (mold/h) 造型速度(型/小时)	Annual output 年产量	Sand processing capacity(t/h) 砂处理能力(吨/小时)	Products 产品
2000*1400*320/360mm	8-10	1000	5	Rear axle, brake drum, counter weight 后轴, 制动鼓, 配重
1200*1200*250/300mm	5-7	1000	5	Wear resistant seel castings, steel gratings 耐磨钢铸件, 钢格栅
1200*1200*400/450mm				
1200*1200*600/600mm				
1600*1250*500/300mm	6	1000	5-10	Single piece and small batch of castings 单件、小批量铸件
2800*2000*350/350mm				
1750*1600*650/450mm	5-10	1000	5-10	Gray iron castings, counter weight for forklifts, loaders etc 灰铸铁件、叉车、装载机配重件
1000*630*150/150mm	10-15	600-1000	5	Stainless steel castings, such as acid resist pump impeller 不锈钢铸件, 如耐酸泵叶轮
1000*800*150/150mm				
2000*1600*360/310mm	10	30000	35-40	Rear axle for trucks 卡车后轴
3100*1900*450/450mm	20	50000	50	Steel castings for railway parts, bottom bolster, side frame 铁路部件、底枕、侧架用铸钢件
3100*1900*350/550mm				



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水平分型脱箱造型机
Horizontal Flaskless Molding Machine

产品简介 PRODUCT INTRODUCTION

造型机 Molding Machine

全自动水平分型脱箱造型机采用射压成型方式,适用于生产阀门、机械件、汽车件、液压件、管件、农机件、炉具件、刹车盘、轴承盖、汽车铸件、柴油铸件、缝纫机铸件、电机盖、水泵铸件等中小型铸件
适用于生产球墨铸铁、灰铸铁、灰分、有色金属及其他材料。

Automatic horizontal flaskless molding machine adopts way of horizontal molding, which is suitable for the production of small and medium-sized castings such as valves, mechanical parts, auto parts, hydraulic parts, pipe fittings, agricultural machinery parts, stove parts, brake discs, bearing caps, automobile castings, diesel castings, sewing machine castings, motor covers, water pump castings, etc. It is suitable for the production of ductile iron and grey iron, ash, non-ferrous metals and other materials.



自动化造型线 Automatic molding line

自动化造型线由造型机及辅助造型线(包括台车、套箱、压铁、机械手装置、推砂型装置、落砂机、浇铸系统、电控系统、气动管路系统等)所组成。
The automatic molding line is composed of molding machine and auxiliary molding line (including trolley, casing, iron press, manipulator device, sand mold pushing device, shakeout machine, casting system, electric control system, pneumatic piping system, etc.).

产品参数 PRODUCT PARAMETERS

型号 Type	XK45-55	XK55-55	XK55-60	XK55-70
Machine size(L*B*H) 设备尺寸	3200*1700*2800mm	3200*1800*2900mm	3350*1800*2900mm	3500*2000*3500mm
Machine weight 设备重量	about 5t 约5吨	about 5t 约5吨	about 6t 约6吨	about 7t 约7吨
Flask size(L*B*H) 砂型尺寸	550*450*320mm	550*550*360mm	600*550*360mm	700*600*420mm
Flask weight 砂型重量	90-110kg/mold 90-110千克/型	About 128kg/mold 约128千克/型	About 186kg/mold 约186千克/型	About 224kg/mold 约224千克/型
Moulding speed 造型速度	29s/mold(excluding core time) 29秒/型(不含下芯时间)	32s/mold(excluding core time) 32秒/型(不含下芯时间)	32s/mold(excluding core time) 32秒/型(不含下芯时间)	36s/mold(excluding core time) 36秒/型(不含下芯时间)
Sand consumption 砂量消耗	about 9.9t/h 约9.9吨/小时	about 12t/h 约12吨/小时	about 18t/h 约18吨/小时	about 22t/h 约22吨/小时
Air source pressure 气源压力	0.6MPa	0.6MPa	0.6MPa	0.6MPa
Power supply 使用电源	380v	380v	380v	380v



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垂直造型线

Vertical Parting Flaskless Molding Machine



产品简介 PRODUCT INTRODUCTION

造型机 Molding Machine

垂直分型造型机采用射砂压实的造型原理来实现砂模成型,可实现射砂、压实、定模、合模的造型过程。适用于粘土砂铸造工艺的批量生产,中小型铸件(灰口铸铁、可锻铸铁、球墨铸铁),效率高,尺寸精度高,表面质量好。

本机具有环保、节能、劳动强度低、工作环境好、建设投资低等优点。

Vertical parting molding machine adopts the modeling principle of sand shooting and compaction to achieve sand molding, which can realize the modeling processes of sand shooting, compaction, mold setting and mold closing. It is suitable for mass production of clay sand casting process, small and medium castings (gray cast iron, malleable cast iron, nodular cast iron) with high efficiency, high dimensional accuracy and high surface quality.

This machine has the advantages of environmental protection, energy saving, low labor intensity, good working environment, and low construction investment.

全自动造型线 Automatic molding line

垂直分型自动造型线由垂直分型自动造型机、平移式下芯机、同步来夹持输送机、皮带冷却输送机、震动落砂机、加砂机和电控、液压、气控系统组成。

The vertical parting automatic molding line is composed of vertical parting automatic molding machine, translation core machine, synchronous clamping conveyor machine, belt cooling conveyor, vibration sand dropping machine, sand adding machine and electronic control, hydraulic control, gas control system.

产品参数 PRODUCT PARAMETERS

型号 Type	VZ416A	VZ416B	VZ417B	VZ418B
Molding room size 造型室尺寸	600*500mm	650*535mm	700*535mm	800*600mm
Mold thickness 砂型厚度	120-150mm	150-250mm	150-250mm	150-300mm
Moulding speed 造型速度	250 molds/h 250型/小时	300 molds/h 300型/小时	250 molds/h 250型/小时	220 molds/h 220型/小时
Sand Consumption 砂量消耗	12-15t/h 12-15吨/小时	20-35t/h 12-15吨/小时	20-35t/h 12-15吨/小时	25-40t/h 12-15吨/小时
Power 功率	22kw	42.5kw	55.5kw	75kw
Track length 轨道长度	20-28m	24-36m	24-36m	24-36m

微振压造型线

Jolt squeeze Molding Machine

产品简介 PRODUCT INTRODUCTION

微振压成型机又称紧实台,用于粘土砂铸造生产。由工作台、减震活塞、真铁压实活塞、压实气缸等组成。

微振压成型机是全缓冲器,高频、低振幅,气动微振压实成型机,采用弹簧缓冲器,气动微震机构可减少震动对基础的影响。

Jolt squeeze molding machine also called compact table for green sand casting production, it consists of a table, a shock piston, a true iron compaction piston, a compaction cylinder, etc.

Jolt squeeze molding machine is full buffer, high frequency, low amplitude, pneumatic micro-vibration compaction molding machine, using spring buffer, pneumatic micro-seismic mechanism can reduce the impact of shock on the foundation.



产品参数 PRODUCT PARAMETERS

型号 Type	JZ144	JZ145	JZ146	JZ148
Table size 工作台尺寸	610*450	560*460	700*550	700*900
Flask size 砂箱尺寸	500*400	550*500	600*500	800*600
Flask height 砂箱高度	<200	<250	<250	<250
Moulding speed 造型速度	40-60molds/h	50-60molds/h	40-60molds/h	/
Compressive stress 压实力	4200kgf	4000kgf	7000kgf	12000kgf
Air consumption 空气消耗量	0.3m³/mold	0.4m³/mold	0.4m³/mold	0.5m³/mold
Permissible 负荷	160kgf	300kgf	300kgf	550kgf
Weight 重量	/	1.5T	2.1T	3T
Compressing travel 压实行程	150mm	200mm	200mm	250mm

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可靠

低成本

安全

环保

砂处理设备

Sand Preparation Equipment

产品简介 PRODUCT INTRODUCTION

鑫科提供非标设计, 根据客户的企业现状、生产需求和市场特点, 提供相应的解决方案。

所有设备的选择和配置都以安全、可靠、低成本、环保为原则, 以确保适应铸造生产环境和生产特点, 满足工艺质量条件的要求, 有效利用空间, 合理配置设备, 降低基本成本, 合理降低工程成本。

Xinke provides non-standard design, to provide the corresponding solution according to the current situation of client's enterprises, production requirement and characteristics of market.

All equipment selection and configuration with safety, reliability, low cost, environmental protection as the principle, in order to ensure that adapt to the foundry production environment and production characteristics, meet the requirements of process quality conditions, effective use of space, reasonable allocation of equipment, reduce basic costs, reasonable reduction of project cost.



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